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FIG. 1

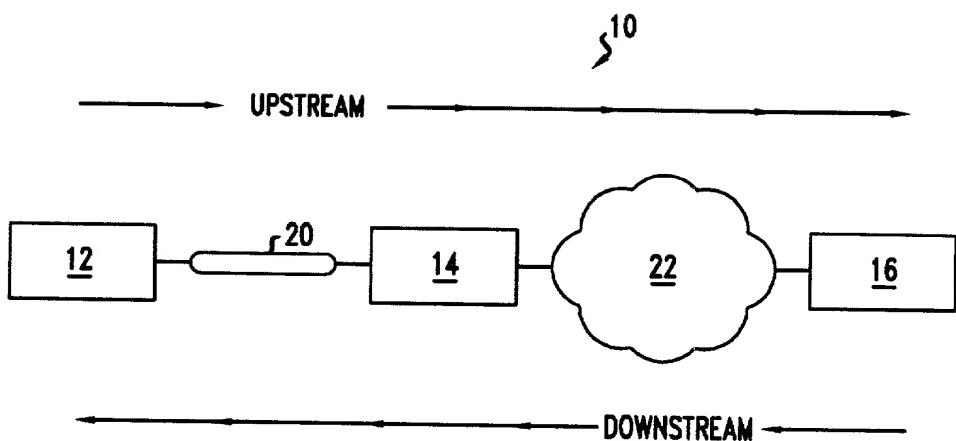
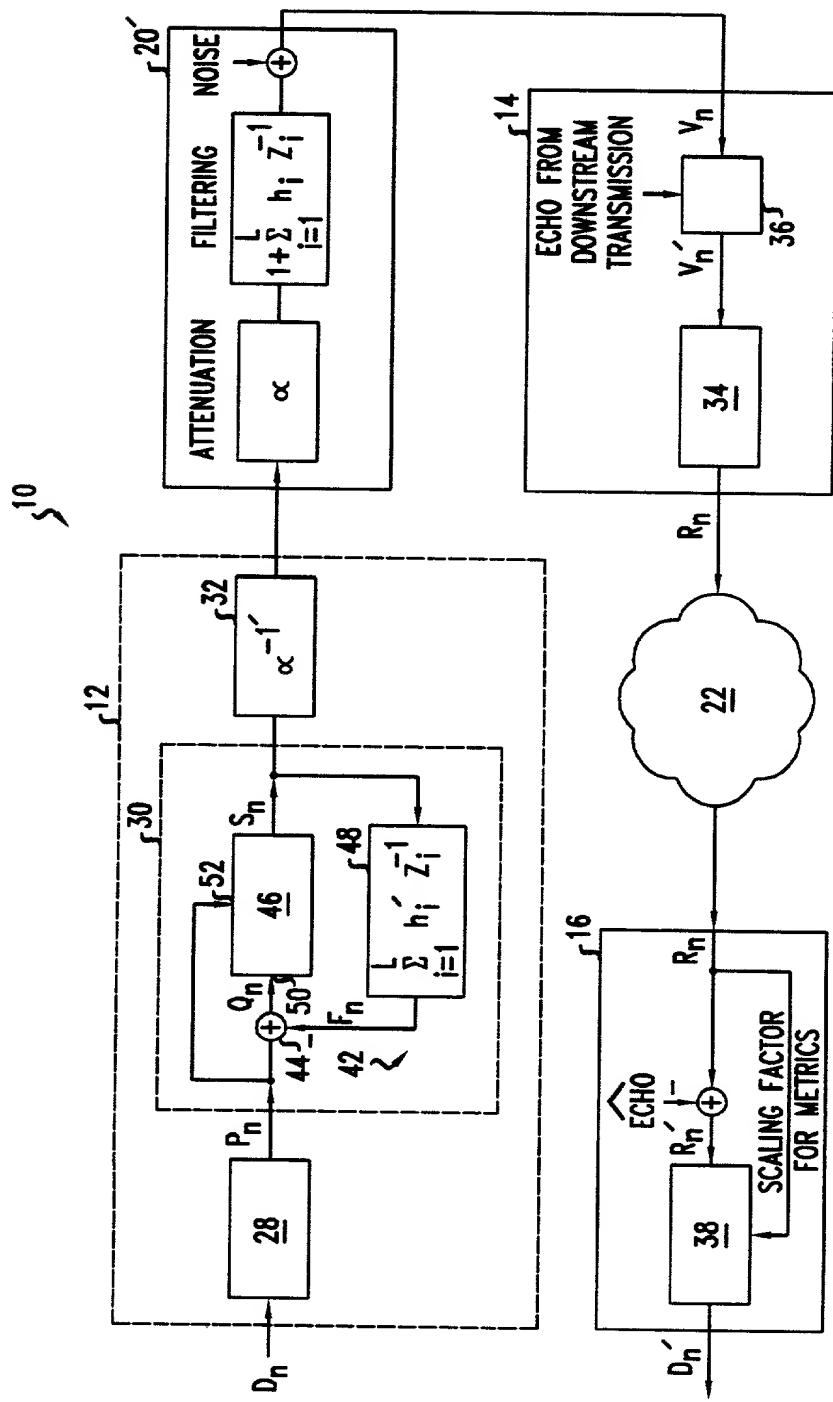


FIG. 2



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FIG. 3

$\pm A_1$	$\pm A_2$	$\pm A_3$	$\pm A_4$	$\pm A_5$	$\pm A_6$	$\pm A_7$	$\pm A_8$
0	± 16.5	± 49.5	± 115.5	± 247.5	± 511.5	± 1039.5	± 2095.5
± 1	± 18.5	± 53.5	± 123.5	± 263.5	± 543.5	± 1103.5	± 2223.5
± 2	± 20.5	± 57.5	± 131.5	± 279.5	± 575.5	± 1167.5	± 2351.5
± 3	± 22.5	± 61.5	± 139.5	± 295.5	± 607.5	± 1231.5	± 2479.5
± 4	± 24.5	± 65.5	± 147.5	± 311.5	± 639.5	± 1295.5	± 2607.5
± 5	± 26.5	± 69.5	± 155.5	± 327.5	± 671.5	± 1359.5	± 2735.5
± 6	± 28.5	± 73.5	± 163.5	± 343.5	± 703.5	± 1423.5	± 2863.5
± 7	± 30.5	± 77.5	± 171.5	± 359.5	± 735.5	± 1487.5	± 2991.5
± 8	± 32.5	± 81.5	± 179.5	± 375.5	± 767.5	± 1551.5	± 3119.5
± 9	± 34.5	± 85.5	± 187.5	± 391.5	± 799.5	± 1615.5	± 3247.5
± 10	± 36.5	± 89.5	± 195.5	± 407.5	± 831.5	± 1679.5	± 3375.5
± 11	± 38.5	± 93.5	± 203.5	± 423.5	± 863.5	± 1743.5	± 3503.5
± 12	± 40.5	± 97.5	± 211.5	± 439.5	± 895.5	± 1807.5	± 3631.5
± 13	± 42.5	± 101.5	± 219.5	± 455.5	± 927.5	± 1871.5	± 3759.5
± 14	± 44.5	± 105.5	± 227.5	± 471.5	± 959.5	± 1935.5	± 3887.5
± 15	± 46.5	± 109.5	± 235.5	± 487.5	± 991.5	± 1999.5	± 4015.5

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FIG. 4

<u>55</u>	<u>56</u>	<u>57</u>
± 16.5	$\pm 1,039.5$	$\pm 2,063.5^*$
± 49.5	$\pm 1,103.5$	$\pm 2,095.5$
± 81.5	$\pm 1,167.5$	$\pm 2,127.5^*$
± 115.5	$\pm 1,231.5$	$\pm 2,159.5^*$
± 147.5	$\pm 1,295.5$	$\pm 2,191.5^*$
± 179.5	$\pm 1,359.5$	$\pm 2,223.5$
± 211.5	$\pm 1,423.5$	$\pm 2,255.5^*$
± 247.5	$\pm 1,487.5$	$\pm 2,287.5^*$
	$\pm 1,551.5$	$\pm 2,319.5^*$
± 279.5	$\pm 1,615.5$	$\pm 2,351.5$
± 311.5	$\pm 1,679.5$	$\pm 2,383.5^*$
± 343.5	$\pm 1,743.5$	$\pm 2,415.5^*$
± 375.5	$\pm 1,807.5$	$\pm 2,447.5^*$
± 407.5	$\pm 1,871.5$	$\pm 2,479.5$
± 439.5	$\pm 1,935.5$	$\pm 2,511.5^*$
± 471.5	$\pm 1,999.5$	$\pm 2,543.5^*$
± 511.5		$\pm 2,575.5^*$
± 543.5		$\pm 3,119.5$
± 575.5		$\pm 3,151.5^*$
± 607.5		$\pm 3,183.5^*$
± 639.5		$\pm 3,215.5^*$
± 671.5	<u>54</u>	$\pm 3,247.5$
± 703.5		$\pm 3,279.5^*$
± 735.5		$\pm 3,311.5^*$
± 767.5		$\pm 3,343.5^*$
± 799.5		$\pm 3,375.5$
± 831.5		$\pm 3,407.5^*$
± 863.5		$\pm 3,439.5^*$
± 895.5		$\pm 3,471.5^*$
± 927.5		$\pm 3,503.5$
± 959.5		$\pm 3,535.5^*$
± 991.5		$\pm 3,567.5^*$
		$\pm 3,599.5^*$

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FIG. 5A

BIT PATTERN	SIGNAL POINT	POSITIVE MODULE AMOUNT	NEGATIVE MODULE AMOUNT
100100	639.5	+ 1,808	- 1,311
100101	607.5	+ 1,808	- 1,311
100110	575.5	+ 1,808	- 1,311
100111	543.5	+ 1,808	- 1,311
000000	511.5	+ 1,808	- 1,311
000001	471.5	+ 1,816	- 1,303
000010	439.5	+ 1,816	- 1,303
000011	407.5	+ 1,816	- 1,303
000100	375.5	+ 1,816	- 1,303
000101	343.5	+ 1,816	- 1,303
000110	311.5	+ 1,816	- 1,303
000111	279.5	+ 1,816	- 1,319
001000	247.5	+ 1,816	- 1,351
001001	211.5	+ 1,788	- 1,379
001010	179.5	+ 1,756	- 1,411
001011	147.5	+ 1,724	- 1,443
001100	115.5	+ 1,692	- 1,475
001101	81.5	+ 1,662	- 1,505
001110	49.5	+ 1,630	- 1,537
001111	16.5	+ 1,599	- 1,568
010000	-16.5	+ 1,568	- 1,599
010001	-49.5	+ 1,537	- 1,630
010010	-81.5	+ 1,505	- 1,662
010011	-115.5	+ 1,475	- 1,692
010100	-147.5	+ 1,443	- 1,724
010101	-179.5	+ 1,411	- 1,756
010110	-211.5	+ 1,379	- 1,788
010111	-247.5	+ 1,351	- 1,816
011000	-279.5	+ 1,319	- 1,816
011001	-311.5	+ 1,303	- 1,816
011010	-343.5	+ 1,303	- 1,816
011011	-375.5	+ 1,303	- 1,816
011100	-407.5	+ 1,303	- 1,816
011101	-439.5	+ 1,303	- 1,816
011110	-471.5	+ 1,303	- 1,816
011111	-511.5	+ 1,311	- 1,808
100000	-543.5	+ 1,311	- 1,808
100001	-575.5	+ 1,311	- 1,808
100010	-607.5	+ 1,311	- 1,808
100011	-639.5	+ 1,311	- 1,808

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FIG. 5B

BIT PATTERN	SIGNAL POINT	SIGNAL POINT
100100	2,447.5*	-671.5
100101	2,415.5*	-703.5
100110	2,383.5*	-735.5
100111	2,351.5	-767.5
000000	2,319.5*	-799.5
000001	2,287.5*	-831.5
000010	2,255.5*	-863.5
000011	2,223.5	-895.5
000100	2,191.5*	-927.5
000101	2,159.5*	-959.5
000110	2,127.5*	-991.5
000111	2,095.5	-1,039.5
001000	2,063.5*	-1,103.5
001001	1,999.5	-1,167.5
001010	1,935.5	-1,231.5
001011	1,871.5	-1,295.5
001100	1,807.5	-1,359.5
001101	1,743.5	-1,423.5
001110	1,679.5	-1,487.5
001111	1,615.5	-1,551.5
010000	1,551.5	-1,615.5
010001	1,487.5	-1,679.5
010010	1,423.5	-1,743.5
010011	1,359.5	-1,807.5
010100	1,295.5	-1,871.5
010101	1,231.5	-1,935.5
010110	1,167.5	-1,999.5
010111	1,103.5	-2,063.5*
011000	1,039.5	-2,095.5
011001	991.5	-2,127.5*
011010	959.5	-2,159.5*
011011	927.5	-2,191.5*
011100	895.5	-2,223.5
011101	863.5	-2,255.5*
011110	831.5	-2,287.5*
011111	799.5	-2,319.5*
100000	767.5	-2,351.5
100001	735.5	-2,383.5*
100010	703.5	-2,415.5*
100011	671.5	-2,447.5*

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FIG. 6A

BIT PATTERN	SIGNAL POINT	POSITIVE MODULE	NEGATIVE MODULE
		AMOUNT	AMOUNT
101000	767.5	+2,064	-1,567
101001	735.5	+2,064	-1,567
101010	703.5	+2,064	-1,567
101011	671.5	+2,064	-1,567
101100	639.5	+2,064	-1,567
101101	607.5	+2,064	-1,567
101110	575.5	+2,064	-1,567
101111	543.5	+2,064	-1,583
000000	511.5	+2,064	-1,615
000001	471.5	+2,072	-1,639
000010	439.5	+2,072	-1,671
000011	407.5	+2,072	-1,703
000100	375.5	+2,072	-1,735
000101	343.5	+2,072	-1,767
000110	311.5	+2,072	-1,799
000111	279.5	+2,072	-1,831
001000	247.5	+2,072	-1,863
001001	211.5	+2,076	-1,891
001010	179.5	+2,076	-1,923
001011	147.5	+2,076	-1,955
001100	115.5	+2,076	-1,987
001101	81.5	+2,078	-2,017
001110	49.5	+2,078	-2,049
001111	16.5	+2,079	-2,080
010000	-16.5	+2,080	-2,079
010001	-49.5	+2,049	-2,078
010010	-81.5	+2,017	-2,078
010011	-115.5	+1,987	-2,076
010100	-147.5	+1,955	-2,076
010101	-179.5	+1,923	-2,076
010110	-211.5	+1,891	-2,076
010111	-247.5	+1,863	-2,072
011000	-279.5	+1,831	-2,072
011001	-311.5	+1,799	-2,072
011010	-343.5	+1,767	-2,072
011011	-375.5	+1,735	-2,072
011100	-407.5	+1,703	-2,072
011101	-439.5	+1,671	-2,072
011110	-471.5	+1,639	-2,072
011111	-511.5	+1,615	-2,064
100000	-543.5	+1,583	-2,064
100001	-575.5	+1,567	-2,064
100010	-607.5	+1,567	-2,064
100011	-639.5	+1,567	-2,064
100100	-671.5	+1,567	-2,064
100101	-703.5	+1,567	-2,064
100110	-735.5	+1,567	-2,064
100111	-767.5	+1,567	-2,064

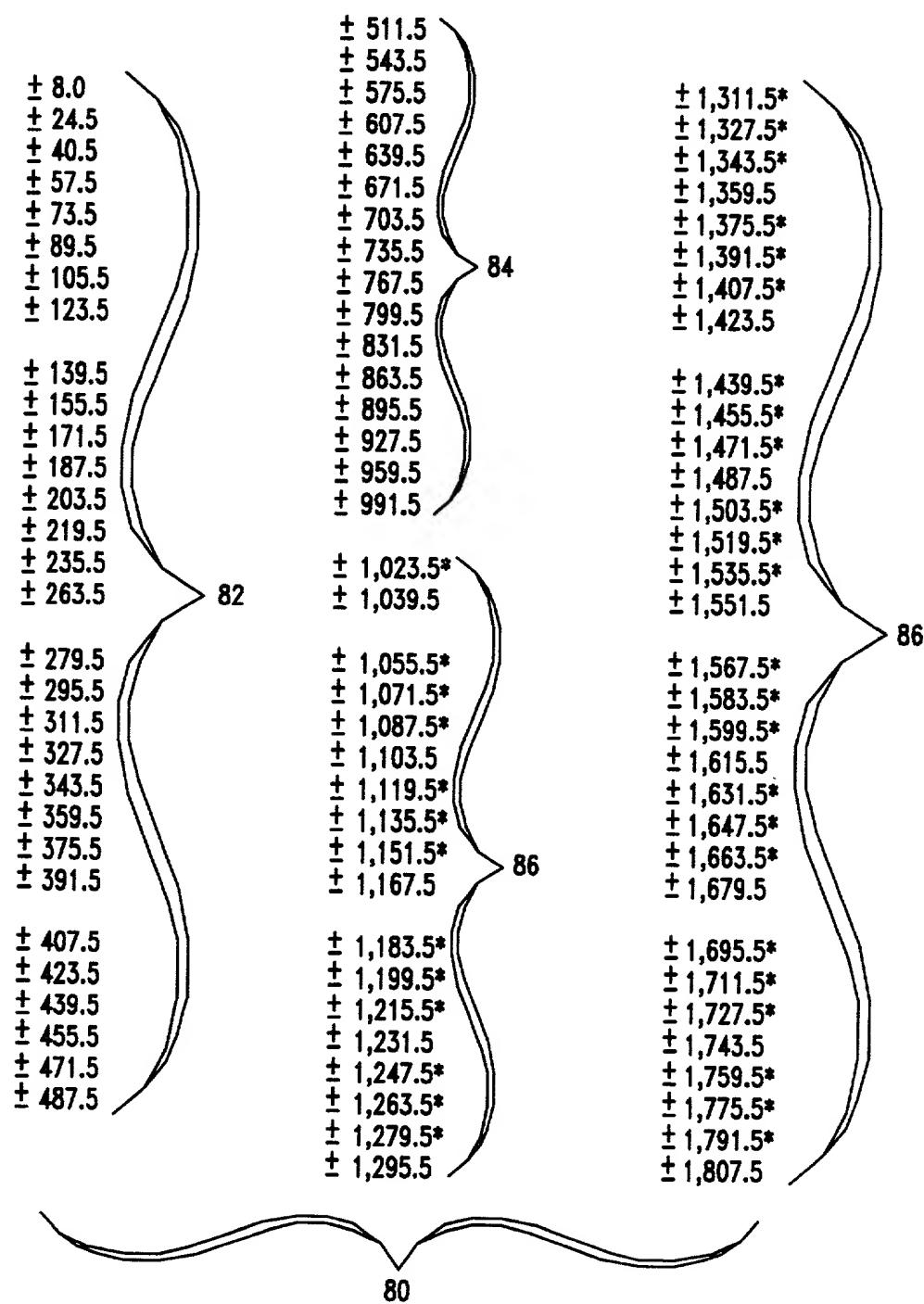
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FIG. 6B

BIT PATTERN	SIGNAL POINT	SIGNAL POINT
101000	2,831.5*	- 799.5
101001	2,799.5*	- 831.5
101010	2,767.5*	- 863.5
101011	2,735.5	- 895.5
101100	2,703.5*	- 927.5
101101	2,671.5*	- 959.5
101110	2,639.5*	- 991.5
101111	2,607.5	- 1,039.5
000000	2,575.5*	- 1,103.5
000001	2,543.5*	- 1,167.5
000010	2,511.5*	- 1,231.5
000011	2,479.5	- 1,295.5
000100	2,447.5*	- 1,359.5
000101	2,415.5*	- 1,423.5
000110	2,383.5*	- 1,487.5
000111	2,351.5	- 1,551.5
001000	2,319.5*	- 1,615.5
001001	2,287.5*	- 1,679.5
001010	2,255.5*	- 1,743.5
001011	2,223.5	- 1,807.5
001100	2,191.5*	- 1,871.5
001101	2,159.5*	- 1,935.5
001110	2,127.5*	- 1,999.5
001111	2,095.5	- 2,063.5*
010000	2,063.5*	- 2,095.5
010001	1999.5	- 2,127.5*
010010	1,935.5	- 2,159.5*
010011	1,871.5	- 2,191.5*
010100	1,807.5	- 2,223.5
010101	1,743.5	- 2,255.5*
010110	1,679.5	- 2,287.5*
010111	1,615.5	- 2,319.5*
011000	1,551.5	- 2,351.5
011001	1,487.5	- 2,383.5*
011010	1,423.5	- 2,415.5*
011011	1,359.5	- 2,447.5*
011100	1,295.5	- 2,479.5
011101	1,231.5	- 2,511.5*
011110	1,167.5	- 2,543.5*
011111	1,103.5	- 2,575.5*
100000	1,039.5	- 2,607.5
100001	991.5	- 2,639.5*
100010	959.5	- 2,671.5*
100011	927.5	- 2,703.5*
100100	895.5	- 2,735.5
100101	863.5	- 2,767.5*
100110	831.5	- 2,799.5*
100111	799.5	- 2,831.5*

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FIG. 7



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FIG. 8A

BIT PATTERN	SIGNAL POINT	POSITIVE MODULE AMOUNT	NEGATIVE MODULE AMOUNT
100100	327.5	+ 904	- 671
100101	311.5	+ 904	- 671
100110	295.5	+ 904	- 671
100111	279.5	+ 904	- 671
000000	263.5	+ 904	- 671
000001	235.5	+ 916	- 659
000010	219.5	+ 916	- 659
000011	203.5	+ 916	- 659
000100	187.5	+ 916	- 659
000101	171.5	+ 916	- 659
000110	155.5	+ 916	- 667
000111	139.5	+ 916	- 683
001000	123.5	+ 916	- 699
001001	105.5	+ 918	- 713
001010	89.5	+ 902	- 729
001011	73.5	+ 886	- 745
001100	57.5	+ 870	- 761
001101	40.5	+ 855	- 776
001110	24.5	+ 839	- 792
001111	8.0	+ 823.5	- 807.5
010000	-8.0	+ 807.5	- 823.5
010001	-24.5	+ 792	- 839
010010	-40.5	+ 776	- 855
010011	-57.5	+ 761	- 870
010100	-73.5	+ 745	- 886
010101	-89.5	+ 729	- 902
010110	-105.5	+ 713	- 918
010111	-123.5	+ 699	- 916
011000	-139.5	+ 683	- 916
011001	-155.5	+ 667	- 916
011010	-171.5	+ 659	- 916
011011	-187.5	+ 659	- 916
011100	-203.5	+ 659	- 916
011101	-219.5	+ 659	- 916
011110	-235.5	+ 659	- 916
011111	-263.5	+ 671	- 904
100000	-279.5	+ 671	- 904
100001	-295.5	+ 671	- 904
100010	-311.5	+ 671	- 904
100011	-327.5	+ 671	- 904

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FIG. 8B

BIT PATTERN	SIGNAL POINT	SIGNAL POINT
100100	1,231.5	-343.5
100101	1,215.5*	-359.5
100110	1,199.5*	-375.5
100111	1,183.5*	-391.5
000000	1,167.5	-407.5
000001	1,151.5*	-423.5
000010	1,135.5*	-439.5
000011	1,119.5*	-455.5
000100	1,103.5	-471.5
000101	1,087.5*	-487.5
000110	1,071.5*	-511.5
000111	1,055.5*	-543.5
001000	1,039.5	-575.5
001001	1,023.5*	-607.5
001010	991.5	-639.5
001011	959.5	-671.5
001100	927.5	-703.5
001101	895.5	-735.5
001110	863.5	-767.5
001111	831.5	-799.5
010000	799.5	-831.5
010001	767.5	-863.5
010010	735.5	-895.5
010011	703.5	-927.5
010100	671.5	-959.5
010101	639.5	-991.5
010110	607.5	-1,023.5*
010111	575.5	-1,039.5
011000	543.5	-1,055.5*
011001	511.5	-1,071.5*
011010	487.5	-1,087.5*
011011	471.5	-1,103.5
011100	455.5	-1,119.5*
011101	439.5	-1,135.5*
011110	423.5	-1,151.5*
011111	407.5	-1,167.5
100000	391.5	-1,183.5*
100001	375.5	-1,199.5*
100010	359.5	-1,215.5*
100011	343.5	-1,231.5

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FIG. 9A

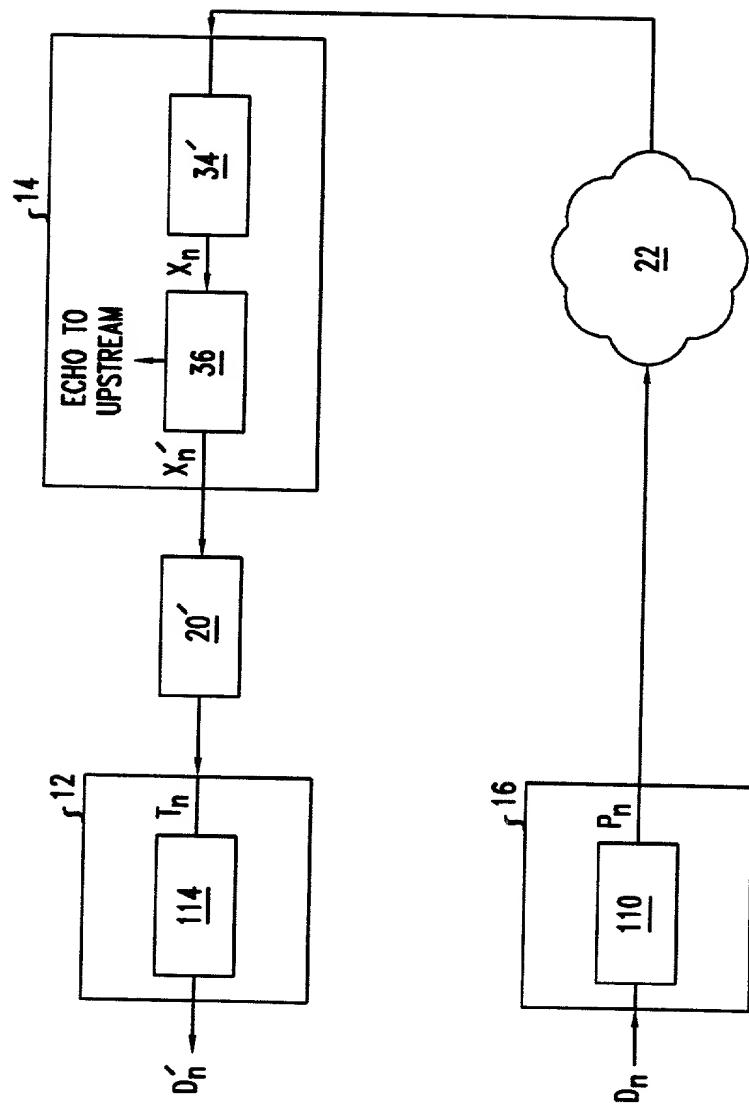
BIT PATTERN	SIGNAL POINT	POSITIVE MODULE AMOUNT	NEGATIVE MODULE AMOUNT
101000	391.5	+1,032	-799
101001	375.5	+1,032	-799
101010	359.5	+1,032	-799
101011	343.5	+1,032	-799
101100	327.5	+1,032	-799
101101	311.5	+1,032	-799
101110	295.5	+1,032	-807
101111	279.5	+1,032	-823
000000	263.5	+1,032	-839
000001	235.5	+1,044	-843
000010	219.5	+1,044	-859
000011	203.5	+1,044	-875
000100	187.5	+1,044	-891
000101	171.5	+1,044	-907
000110	155.5	+1,044	-923
000111	139.5	+1,044	-939
001000	123.5	+1,044	-955
001001	105.5	+1,046	-969
001010	89.5	+1,046	-985
001011	73.5	+1,046	-1,001
001100	57.5	+1,046	-1,017
001101	40.5	+1,047	-1,032
001110	24.5	+1,047	-1,048
001111	8.0	+1,047.5	-1,047.5
010000	-8.0	+1,047.5	-1,047.5
010001	-24.5	+1,048	-1,047
010010	-40.5	+1,032	-1,047
010011	-57.5	+1,017	-1,046
010100	-73.5	+1,001	-1,046
010101	-89.5	+985	-1,046
010110	-105.5	+969	-1,046
010111	-123.5	+955	-1,044
011000	-139.5	+939	-1,044
011001	-155.5	+923	-1,044
011010	-171.5	+907	-1,044
011011	-187.5	+891	-1,044
011100	-203.5	+875	-1,044
011101	-219.5	+859	-1,044
011110	-235.5	+843	-1,044
011111	-263.5	+839	-1,032
100000	-279.5	+823	-1,032
100001	-295.5	+807	-1,032
100010	-311.5	+799	-1,032
100011	-327.5	+799	-1,032
100100	-343.5	+799	-1,032
100101	-359.5	+799	-1,032
100110	-375.5	+799	-1,032
100111	-391.5	+799	-1,032

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FIG. 9B

BIT PATTERN	SIGNAL POINT	SIGNAL POINT
101000	1,423.5	-407.5
101001	1,407.5*	-423.5
101010	1,391.5*	-439.5
101011	1,375.5*	-455.5
101100	1,359.5	-471.5
101101	1,343.5*	-487.5
101110	1,327.5*	-511.5
101111	1,311.5*	-543.5
000000	1,295.5	-575.5
000001	1,279.5*	-607.5
000010	1,263.5*	-639.5
000011	1,247.5*	-671.5
000100	1,231.5	-703.5
000101	1,215.5*	-735.5
000110	1,199.5*	-767.5
000111	1,183.5*	-799.5
001000	1,167.5	-831.5
001001	1,151.5*	-863.5
001010	1,135.5*	-895.5
001011	1,119.5*	-927.5
001100	1,103.5	-959.5
001101	1,087.5*	-991.5
001110	1,071.5*	-1,023.5*
001111	1,055.5*	-1,039.5
010000	1,039.5	-1,055.5*
010001	1,023.5*	-1,071.5*
010010	991.5	-1,087.5*
010011	959.5	-1,103.5
010100	927.5	-1,119.5*
010101	895.5	-1,135.5*
010110	863.5	-1,151.5*
010111	831.5	-1,167.5
011000	799.5	-1,183.5*
011001	767.5	-1,199.5*
011010	735.5	-1,215.5*
011011	703.5	-1,231.5
011100	671.5	-1,247.5*
011101	639.5	-1,263.5*
011110	607.5	-1,279.5*
011111	575.5	-1,295.5
100000	543.5	-1,311.5*
100001	511.5	-1,327.5*
100010	487.5	-1,343.5*
100011	471.5	-1,359.5
100100	455.5	-1,375.5*
100101	439.5	-1,391.5*
100110	423.5	-1,407.5*
100111	407.5	-1,423.5

FIG. 10



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FIG. 11

